METHOD AND APPARATUS FOR EFFICIENT TRANSMISSION OF RESULT SET DATA

ABSTRACT

5   A method and apparatus for efficiently transmitting a result set. A data server receives a data request from a client or another server. The data server determines whether a threshold portion of the contents of each requested row or record is being retrieved (e.g., X% of the number of columns in a table or X% of the total amount of data in a table row). The requested rows are retrieved in the same

10   format in which they are stored (e.g., within a disk block), and streamed to the client, one row at a time. The client is then responsible for disassembling a row into its columns, reordering them if necessary, and performing any necessary post-processing (e.g., datatype conversion, data formatting) before consuming the data.

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